

Column 8, "Chou-...Turn," provides the predicted Chou-Fasman Turn Regions. "Garni...Coil," column 9, shows the predicted Garnier-Robson Coil Regions. Column 10, "Kyte-...Hydro...", provides a Kyte-Doolittle Hydrophilicity Plot, while column 11, "Hopp-...Hydro," provides a Hopp-Woods Hydrophobicity Plot. Column 12, "Eisen...Alpha," shows the predicted Eisenberg Alpha Amphipathic Regions and column 13, "Eisen...Beta," shows the predicted Eisenberg Beta Amphipathic Regions. "Karpl...Flexi...", column 14, shows the predicted Karplus-Schulz Flexible Regions and column 15, "James...Antig...", provides the Jameson-Wolf Antigenic Index. Column 16, "Emini Surfa...", shows a Emini Surface Probability Plot. --.

At page 7, line 6, please delete "between nucleotides 256 and 277."

At page 115, before the Table, please insert --Table 1--.

In the Claims:

Please cancel claims 11, 13, ~~17-21, 23-24~~ and ~~51-59~~ without prejudice or disclaimer.

Please amend the following claims:

36. (Once Amended) An isolated polynucleotide comprising a nucleic acid that hybridizes to a polynucleotide consisting of SEQ ID NO:1, or the complement thereof, [or the cDNA contained in ATCC Deposit No. 209691 or 209641] under hybridization conditions comprising hybridization in a wash buffer consisting of 0.1XSSC at 65°C, wherein said polynucleotide is not Genbank Accession No. X91553.

Please add the following new claims:

60. (New) An isolated polynucleotide comprising a nucleic acid that hybridizes to a polynucleotide consisting of the cDNA contained in ATCC Deposit No. 209691 or 209641 under hybridization conditions comprising hybridization in a wash buffer consisting of 0.1XSSC at 65°C, wherein said polynucleotide is not Genbank Accession No. X91553.

61. (New) The isolated polynucleotide of claim 25 wherein said reference amino acid sequence is (a).

62. (New) The isolated polynucleotide of claim 25 wherein said reference amino acid sequence is (b).

63. (New) The isolated polynucleotide of claim 25 wherein said reference amino acid sequence is (c).

64. (New) The isolated polynucleotide of claim 25 wherein said reference amino acid sequence is (d).

65. (New) The isolated polynucleotide of claim 25 wherein said reference amino acid sequence is (e).

66. (New) The isolated polynucleotide of claim 34 comprising a nucleic acid encoding an amino acid sequence, wherein, except for one to thirty amino acid substitutions said amino acid sequence is identical to (a).

67. (New) The isolated polynucleotide of claim 34 comprising a nucleic acid encoding an amino acid sequence, wherein, except for one to thirty amino acid substitutions said amino acid sequence is identical to (b).

63 68. (New) The isolated polynucleotide of claim 34 comprising a nucleic acid encoding an amino acid sequence, wherein, except for one to thirty amino acid substitutions said amino acid sequence is identical to (c).

69. (New) The isolated polynucleotide of claim 34 comprising a nucleic acid encoding an amino acid sequence, wherein, except for one to thirty amino acid substitutions said amino acid sequence is identical to (d).

70. (New) The isolated polynucleotide of claim 34 comprising a nucleic acid encoding an amino acid sequence, wherein, except for one to thirty amino acid substitutions said amino acid sequence is identical to (e).

71. (New) The isolated polynucleotide of claim 35 wherein said reference nucleic acid encodes amino acid sequence (a).

72. (New) The isolated polynucleotide of claim 35 wherein said reference nucleic acid encodes amino acid sequence (b).

73. (New) The isolated polynucleotide of claim 35 wherein said reference nucleic acid encodes amino acid sequence (c).

74. (New) The isolated polynucleotide of claim 35 wherein said reference nucleic acid encodes amino acid sequence (d).

75. (New) The isolated polynucleotide of claim 35 wherein said reference nucleic acid encodes amino acid sequence (e).

Sub 83
~~76. (New) The isolated polynucleotide of claim 37 which comprises nucleic acid (a).~~

~~77. (New) The isolated polynucleotide of claim 37 which comprises nucleic acid (b).~~

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78. (New) The isolated polynucleotide of claim 39, wherein said nucleic acid encodes (a).

79. (New) The isolated polynucleotide of claim 39, wherein said nucleic acid encodes (b).

80. (New) The isolated polynucleotide of claim 39, wherein said nucleic acid encodes (c).

81. (New) The isolated polynucleotide of claim 39, wherein said nucleic acid encodes (d).

82. (New) The isolated polynucleotide of claim 39, wherein said nucleic acid encodes (e).

83. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes (a).

84. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes (b).

85. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes (c).

86. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes (d).

(e). 87. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(f). 88. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(g). 89. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(h). 90. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(i). 91. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(j). 92. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

133 (k). 93. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(l). 94. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(m). 95. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(n). 96. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(o). 97. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes

(p). 98. (New) The isolated polynucleotide of claim 40, wherein said nucleic acid encodes
